

WHAT IS CLAIMED IS:

1. An EL display device comprising:
an active-matrix substrate over which pixels are arranged, each of said pixels having a
5 pixel electrode electrically connected to a thin-film transistor; and
an EL element comprising said pixel electrode as a cathode, an EL layer, and an
anode,
wherein a metal film is provided on said anode so as to conceal edges of said pixels and
gaps between said pixels.
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2. An EL display device according to claim 1, wherein a film resistance of said metal
film is lower than a film resistance of said anode.
3. An EL display device according to claim 1, wherein said metal film functions as a
15 light-shielding film.
4. An EL display device according to claim 1, wherein said metal film has a layered
structure.
- 20 5. An EL display device according to claim 1, wherein raised portions are provided on
a surface of said cathode of said EL element.
6. An EL display device according to claim 1, wherein an element of said metal film is
one selected from the group consisting of Ti, Al, Ta, W, Cr, Cu, and Ag.

7. An EL display device according to claim 1, wherein said anode comprises indium tin oxide.

8. An EL display device according to claim 1, wherein said cathode comprises
5 aluminum.

9. An EL display device according to claim 1, wherein said EL display device is one selected from the group consisting of a video camera, a head-mount display, a personal computer, a car navigation system, a mobile telephone, and a car audio equipment.

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10. An EL display device comprising:

an active-matrix substrate over which pixels are arranged, each of said pixels having a pixel electrode electrically connected to a thin-film transistor; and

an EL element comprising said pixel electrode as a cathode, an EL layer, and an
15 anode,

wherein a metal film is provided between said anode and a counter substrate so as to conceal edges of said pixels and gaps between said pixels.

11. An EL display device according to claim 10, wherein a film resistance of said metal
20 film is lower than a film resistance of said anode.

12. An EL display device according to claim 10, wherein said metal film functions as a light-shielding film.

13. An EL display device according to claim 10, wherein said metal film has a layered structure.

14. An EL display device according to claim 10, wherein raised portions are provided
5 on a surface of said cathode of said EL element.

15. An EL display device according to claim 10, wherein an element of said metal film is one selected from the group consisting of Ti, Al, Ta, W, Cr, Cu, and Ag.

10 16. An EL display device according to claim 10, wherein said anode comprises indium tin oxide.

17. An EL display device according to claim 10, wherein said cathode comprises aluminum.

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18. An EL display device according to claim 10, wherein said EL display device is one selected from the group consisting of a video camera, a head-mount display, a personal computer, a car navigation system, a mobile telephone, and a car audio equipment.

20 19. An EL display device comprising:

an active-matrix substrate over which pixels are arranged, each of said pixels having a pixel electrode electrically connected to a thin-film transistor; and

an EL element comprising said pixel electrode as a cathode, an EL layer, and an anode,

wherein a metal film is provided on a portion of said anode so as to conceal gaps between said pixel electrodes.

20. An EL display device according to claim 19, wherein a film resistance of said metal
5 film is lower than a film resistance of said anode.

21. An EL display device according to claim 19, wherein said metal film functions as a light-shielding film.

10 22. An EL display device according to claim 19, wherein said metal film has a layered structure.

23. An EL display device according to claim 19, wherein raised portions are provided on a surface of said cathode of said EL element.
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24. An EL display device according to claim 19, wherein an element of said metal film is one selected from the group consisting of Ti, Al, Ta, W, Cr, Cu, and Ag.

25. An EL display device according to claim 19, wherein said anode comprises indium
20 tin oxide.

26. An EL display device according to claim 19, wherein said cathode comprises aluminum.

27. An EL display device according to claim 19, wherein said EL display device is one selected from the group consisting of a video camera, a head-mount display, a personal computer, a car navigation system, a mobile telephone, and a car audio equipment.

5 28. An EL display device comprising:

an active-matrix substrate over which pixels are arranged, each of said pixels having a pixel electrode electrically connected to a thin-film transistor; and

an EL element comprising said pixel electrode as a cathode, an EL layer, and an anode,

10 wherein a metal film is provided between a portion of said anode and a counter substrate so as to conceal gaps between said pixel electrodes.

29. An EL display device according to claim 28, wherein a film resistance of said metal film is lower than a film resistance of said anode.

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30. An EL display device according to claim 28, wherein said metal film functions as a light-shielding film.

31. An EL display device according to claim 28, wherein said metal film has a layered
20 structure.

32. An EL display device according to claim 28, wherein raised portions are provided on a surface of said cathode of said EL element.

33. An EL display device according to claim 28, wherein an element of said metal film is one selected from the group consisting of Ti, Al, Ta, W, Cr, Cu, and Ag.

34. An EL display device according to claim 28, wherein said anode comprises indium
5 tin oxide.

35. An EL display device according to claim 28, wherein said cathode comprises aluminum.

10 36. An EL display device according to claim 28, wherein said EL display device is one selected from the group consisting of a video camera, a head-mount display, a personal computer, a car navigation system, a mobile telephone, and a car audio equipment.